

Date: Thu, 28 Apr 94 13:58:55 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #466
To: Info-Hams

Info-Hams Digest Thu, 28 Apr 94 Volume 94 : Issue 466

Today's Topics:

Acceptable use of HAM radio
ARLB040 Bill to support PRB-1
ARLD024 ZS0, 1 and 9 deleted
ARLS022 Astronauts at HamVention
GB2RS News 1st May 1994
Hams who work in Irvine, CA
HF rigs and digital modes
HR AMSAT NEWS SERVICE BULLETIN 106.04
looking 4 info on Yaesu FTC-4625
monitoring CB ch 9 / REACT organization
My phone line antenna (questions)
SWR & Power Loss
Things to do with a Radio Club...
VU2HJA not via W3HNK

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 28 Apr 94 19:03:14 GMT
From: dog.ee.lbl.gov!agate!msuinfo!cravitma@ucbvax.berkeley.edu
Subject: Acceptable use of HAM radio
To: info-hams@ucsd.edu

On Wed, 27 Apr 1994 16:56:03 GMT, strange alien beings caused Harv Hobson
(jhobson@su19f.ess.harris.com) to write:
> In article <2p995c\$99@eis.calstate.edu>, sadams@eis.calstate.edu (Steven Adams)
says:

> >
> >Is it proper and legal to use Amateur Radio for the following:
> >
> >1: My church (non-profit) is having a picnic. Can a few of us HAM's who
> >belong use our HT's (at low level, simplex of course) to help coordinate
> >the event?
> >

> This type of activity doesn't bother me, but I have heard the argument
> that "Yes, it is non profit, but it is conducting the 'business' of the
> organization" When I hear this argument, I think of the hamfest talk-in

But don't forget the revised 97.113 rule which says explicitly that
this sort of thing is OK as long as you are not conducting your
business or the business of your employer.

Also, the FCC has issued at least one policy statement that I can
recall (but I don't remember where I saw it; the ARRL FCC rule book,
maybe) that explicitly says that public service stuff like this is not
just allowed, but encouraged.

Just my \$0.12 (inflation and sales tax added :-)

/Matthew

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Matthew Cravit, N9VWG	All opinions expressed here are
Michigan State University	my own. I don't speak for MSU
E-Mail: cravitma@cps.msu.ed	and they don't speak for me.
G0/CS -d+@ -p+ c++ !l u+(++) e+(*) s/+ n+(---) h+ f+ !g w+(+++) t++@ r(+) y?	

Date: Thu, 28 Apr 1994 14:02:33 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!
marcbg@network.ucsd.edu
Subject: ARLB040 Bill to support PRB-1
To: info-hams@ucsd.edu

ZCZC AG05
QST de W1AW
ARRL Bulletin 40 ARLB040
>From ARRL Headquarters
Newington CT April 27, 1994
To all radio amateurs

SB QST ARL ARLB040
ARLB040 Bill to support PRB-1

Bill to support PRB-1

Illinois House Bill 3730 would prohibit cities from enacting laws failing to conform to PRB-1. ARRL members in Illinois are encouraged to contact their state representatives, including Speaker of the House Michael J. Madigan, asking that they support with a 'yes' vote, Illinois House Bill 3730. Details appear on BBS's around the state under the heading 'ALLIL'.

NNNN

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Amateur Radio N5MEI

"The road to enlightenment is chuck full o' potholes"

Date: Thu, 28 Apr 1994 13:59:03 GMT

From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!

marcbg@network.ucsd.edu

Subject: ARLD024 ZS0, 1 and 9 deleted

To: info-hams@ucsd.edu

ZCZC AE22

QST de W1AW

DX Bulletin 24 ARLD024

>From ARRL Headquarters

Newington CT April 27, 1994

To all radio amateurs

SB DX ARL ARLD024

ARLD024 ZS0, 1 and 9 deleted

ZS0, 1 and 9 Deleted

Today, the ARRL Awards Committee voted unanimously to accept an ARRL DX Advisory Committee, DXAC, recommendation to delete Walvis Bay and Penguin Islands. The deletions are effective March 1, 1994. That was the date that these areas were turned over to Namibia. There are now 326 current countries on the DXCC List.

NNNN

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Amateur Radio N5MEI

"The road to enlightenment is chuck full o' potholes"

Date: Thu, 28 Apr 1994 13:19:29 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!
marcbg@network.ucsd.edu
Subject: ARLS022 Astronauts at HamVention
To: info-hams@ucsd.edu

SB SPACE @ ARL \$ARLS022
ARLS022 Astronauts at HamVention

ZCZC AS66
QST de W1AW
Space Bulletin 022 ARLS022
>From ARRL Headquarters
Newington, CT April 26, 1994
To all radio amateurs

SB SPACE ARL ARLS022
ARLS022 Astronauts at HamVention

Astronauts at HamVention

A space forum at the Dayton HamVention will feature two NASA shuttle astronaut-hams, Tony England, W00RE, and Steve Nagel, N5RAW. The forum will commemorate 10 years of Amateur Radio aboard the shuttles.

Tony England flew on the second ham radio mission, in 1985, while Steve Nagel, a veteran of several shuttle flights, most recently commanded shuttle flight STS-55 in 1993. The two will discuss their Amateur Radio experiences from space and answer questions.

Also at the forum will be members of the ARRL SAREX Working Group, including ARRL Educational Activities Manager Rosalie White, WA1ST0, and Roy Neal, K6DUE, a principal coordinator of the shuttle Amateur Radio project.

The forum is scheduled for 1 PM on Saturday, April 30, in Forum Room 5 at Hara Arena.

NNNN

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Amateur Radio N5MEI

"The road to enlightenment is chuck full o' potholes"

Date: Thu, 28 Apr 1994 18:22:17 +0000

From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!pipex!demon!llondel.demon.co.uk!
dave@network.ucsd.edu

Subject: GB2RS News 1st May 1994

To: info-hams@ucsd.edu

Good morning. It's Sunday the 1st of May and here is the GB2RS news broadcast, prepared by the Radio Society of Great Britain.

And we start this week with the news that a rare RSGB Supreme VHF/UHF Award was issued to David Bullock, G6UW0, on the 5th of March. This coveted certificate was awarded for obtaining three RSGB Senior awards between October 1990 and March 1994. These were for contacts with 40 counties and 9 countries on 432MHz; 40 counties and 6 countries on 1296MHz and 60 counties and 15 countries on 144MHz.

Brian Underdown, G7LIJ, has gained the RSGB 144MHz award for having confirmed contacts with over 100 squares and 20 countries. What makes this really remarkable is that his certificate is endorsed: 'All contacts to achieve this award were effected during the first year of being licensed'.

Details of the RSGB VHF and UHF awards can be found in the RSGB Call Book or may be obtained from the VHF Awards Manager, Ian Cornes, G4OUT whose address is correct in the Call Book.

The South Yorkshire VHF repeater, GB3NA, will return to service at 12 noon today, the 1st of May. This follows an investigation by the Chairman of the RSGB Repeater Management Group into allegations of misuse of the repeater. After consultation between the UK FM Group (Northern), who manage the repeater, the Radiocommunications Agency and the Repeater Management Group, it has been agreed that a number of strategies will be adopted by the committee to combat abuse. It has been agreed that the group should monitor the extent of misuse of the repeater with the aim of educating users how to respond in the face of provocation and misuse of the repeater. This will involve tape-recording repeater traffic, direction finding and informing the authorities via RMG. A number of other measures have been taken which are aimed at minimising the problems caused to legitimate users by persistent mis-users of the repeater. The committee of the UK FM Group (Northern) has been re-organised. It is hoped that all users will act sensibly in using the repeater. The Chairman of the RMG would like to thank all amateurs in the area for their input which has proved most useful in reaching a conclusion.

The two metre Repeater GB3LY on 145.600MHz, channel R0, operated by the

Limavady Repeater Group has been switched off by the keeper, due to on-site interference. The keeper Jimmy, GI3GGY, and the Repeater Group members would like to thank all those who have supported GB3LY during the past 15 years and regret any inconvenience until the problem is resolved and the repeater is reactivated. For further details regarding the repeater contact, GI3GGY whose address is correct in the RSGB Call Book.

A new Packet Node, GB7AR on 144.650MHz, which is located near Caernarfon, Gwynedd, is due to become operational next Friday the 6th of May. For further details and reports contact GW4KAZ, whose address is correct in the RSGB Call Book.

The 3 Centimetre Beacon GB3CMS on 10.36896GHz, located near Chelmsford is now off air for maintenance. For further details regarding the beacon contact the keeper, G4ZPE whose address is correct in the RSGB Call Book.

The RSGB QSL Sub-Manager for the GM0AAA-LZZ callsign series is now Mr G W A Spiers, GM0AGN, whose address is: 43 Sheuchan View, Stranraer, Dumfries and Galloway DG9 7TA. He has taken over from Miss Karen Hunter, GM0JHE.

With immediate effect HF Committee member, Fred Handscombe, G4BWP, will process all new applications for RSGB HF Awards. For the past several years the RSGB's HF Awards programme has been in the capable hands of Bill Ricalton, G4ADD. Bill now wishes to relinquish this post and a replacement is to be recommended to RSGB Council by the HF Committee. The committee wishes to record a sincere vote of thanks to Bill, G4ADD for all the work that he has done since taking on the task of HF Awards Manager.

Fred Handscombe's address is: Sandholm, Heath Farm Road, Red Lodge, Bury St Edmunds, Suffolk IP28 8LG. All new applications for RSGB HF Awards should now be sent to this address.

Attention RSGB members in Tayside: A new RSGB Liaison Officer (RLO) has been appointed for Tayside. He is Alfred Low, GM4UZP, and his address is 21 Earn Crescent, Menzieshill, Dundee DD2 4BS. His telephone number is 0382 644597. RLOs hold a wide range of information and they are available to help any RSGB member seeking advice.

Now some items of HF DX news from the weekly RSGB DX News Sheet which is edited by Brendan McCartney, G4DY0.

Date: 28 Apr 94 16:04:15 GMT
From: news-mail-gateway@ucsd.edu
Subject: Hams who work in Irvine, CA
To: info-hams@ucsd.edu

I am looking for any hams who work in the City of Irvine, CA and are interested in disaster communications support.

Irvine sponsors an amateur radio organization called IDEC, (Irvine Disaster Emergency Communications) through the Irvine PD. Volunteers are organized into teams to support emergency services needs throughout the city, such as the wildfires last October, as well as to operate the city's mobile command post for non-emergency activities, such as the El Toro Air Show. We meet one evening each month, on the fourth Thursday, at City Hall. We have two planned citywide drills per year, and several other activities such as 10K runs and walk-a-thons throughout the year.

A recent review of our Earthquake Response Plan resulted in some team redeployment, and we are now looking for hams that work in the city, particularly in or near the east and west industrial areas that would like to participate.

If you are interested, please send me E-mail at the address below. I would rather not take up further bandwidth in this newsgroup with replies. :-)

Thanks and 73

Wm. A. Kirsanoff Internet: WAKIRSAN@ananov.remnet.ab.com
Rockwell International Ham: KD6MCI
(714) 762-2872
Alternate Internet: william_a._kirsanoff@ccmail.anatcp.rockwell.com

Who are you? * I am number 2. * Who is number 1? * You are number 6.

Date: 28 Apr 94 15:01:17 GMT
From: news-mail-gateway@ucsd.edu
Subject: HF rigs and digital modes
To: info-hams@ucsd.edu

A friend of mine & I are planning on getting into HF digital operation. He has an Icom 728 and I use an Icom 735. We were wondering if these rigs can withstand the stresses of digital modes. Can the PAs handle the required duty cycle? Can the T/R switch handle the frequent switching

between transmit and receive?

We're hoping we can operate HF digital without frying our rigs. Any comments/advice would be appreciated.

tnx es 73 de Steve Goldstein, KB2PWM

Date: Thu, 28 Apr 1994 14:01:08 GMT
From: ihnp4.ucsd.edu!galaxy.ucr.edu!library.ucla.edu!csulb.edu!csus.edu!
netcom.com!marcbg@network.ucsd.edu
Subject: HR AMSAT NEWS SERVICE BULLETIN 106.04
To: info-hams@ucsd.edu

HR AMSAT NEWS SERVICE BULLETIN 106.04 FROM AMSAT HQ
SILVER SPRING, MD APRIL 16, 1994
TO ALL RADIO AMATEURS BT
BID: \$ANS-106.04

Weekly OSCAR Status Reports: 16-APR-94

A0-13: Current Transponder Operating Schedule:
M QST *** A0-13 TRANSPONDER SCHEDULE *** 1994 Apr 07-Jul 11
Mode-B : MA 0 to MA 170 |
Mode-BS : MA 170 to MA 218 |
Mode-S : MA 218 to MA 220 |<- S beacon only
Mode-S : MA 220 to MA 230 |<- S transponder; B trsp. is OFF
Mode-BS : MA 230 to MA 250 | Blon/Blat 230/-5
Mode-B : MA 250 to MA 256 |
Omnis : MA 250 to MA 120 | Move to attitude 180/0, Jul 11
[G3RUH/DB20S/VK5AGR]

F0-20: The following is the current schedule for transponder operations:

ANALOG MODE:

20-Apr-94 7:35 -to- 27-Apr-94 7:55 UTC

11-May-94 6:54 -to- 18-May-94 7:20 UTC

Digital mode: Unless otherwise noted above.

[Kazu Sakamoto (JJ1WTK) qga02014@niftyserve.or.jp]

STS-59: To obtain a QSL, either as a result of a SWL or for a QSL, send your report or QSL to ARRL EAD, STS-59 QSL, 225 Main Street, Newington, CT 06111, USA. Include the following information in your QSL or report: STS-59, date, time in UTC, frequency and mode (FM voice or packet). In addition, you must also include an SASE (or sufficient IRCs) using a large, business-sized envelope if you wish to receive a card. The Orange Park Amateur Radio Club in Florida has generously volunteered to manage the cards for this mission. [Bob Inderbitzen (NQ1R) Assistant to the Manager,

ARRL Educational Activities]

K0-23: Working well and has a new pair of images. [WH6I]

K0-25: Working well. A number of new images can be found on K0-25 but since the wide angle images are in a new format that so far has not been decoded, and since narrow angle images are very hard to locate in the absence of the companion wide angle image there is very little to get out of the images that are available. [WH6I]

A0-16: Working well. WH6I notes that usage on the 1200 baud OSCARS has has dropped off considerably. [WH6I]

L0-19: Working well. [WH6I]

The AMSAT NEWS Service (ANS) is looking for volunteers to contribute weekly OSCAR status reports. If you have a favorite OSCAR which you work on a regular basis and would like to contribute to this bulletin, please send your observations to WD0HHU at his CompuServe address of 70524,2272, on INTERNET at wd0hhu@amsat.org, or to his local packet BBS in the Denver, CO area, WD0HHU @ W0LJF.#NECO.CO.USA.NOAM. Also, if you find that the current set of orbital elements are not generating the correct AOS/LOS times at your QTH, PLEASE INCLUDE THAT INFORMATION AS WELL. The information you provide will be of value to all OSCAR enthusiasts.

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Amateur Radio N5MEI

"The road to enlightenment is chuck full o' potholes"

Date: 28 Apr 94 06:47:49 GMT
From: news-mail-gateway@ucsd.edu
Subject: looking 4 info on Yaesu FTC-4625
To: info-hams@ucsd.edu

The subject line says it all. This radio appears to be a commercial mobile. It was donated to me for possible use as a repeater receiver. Does anyone have any information (or a manual that like to copy) on this radio? What frequency range, sensitivity, what is the transmitter power etc.....

Thanks

Dave Bourque

dbourque@ub.com

WB1FLD

Date: Thu, 28 Apr 1994 16:27:07 GMT
From: ihnp4.ucsd.edu!agate!cat.cis.Brown.EDU!noc.near.net!das-news.harvard.edu!
cantaloupe.srv.cs.cmu.edu!dolphin!ed@network.ucsd.edu
Subject: monitoring CB ch 9 / REACT organization
To: info-hams@ucsd.edu

Yes, I know CB is a bad word here, but I will post this anyway...

I am a recently "Test passed" ham (no call yet), and a CB'er for many years.

I have talked to several hams over the years on CB, some even Elmers & VE's. I try to operate & maintain Amateur Radio standards when I am using CB or 11 meters. And yes I DONT talk with a southern drawl and call everybody "good buddy"!

I have monitored CB channel 9 for a while, and have heard several calls to "smokey" or the police go unanswered, and started answering them myself and forwarding info to local 911 dispatcher.

The police used to monitor CB, even the PA state police had signs on the turnpike that they monitored CB ch 9. Baloney! I tried to get help for a broken down motorist several years ago, to no avail until I drove to state police building, walked in and told dispatcher the situation. What bugged me, he had a cobra CB not 5 feet behind him, turned off & unplugged! USELESS!

Is there still a REACT organization in existence?
Does anybody know how to contact them?

Is this something ARES would have an opinion on or even want to mess with?

Is there a "standard" simplex emergency freq on 2m, 220, or 440?

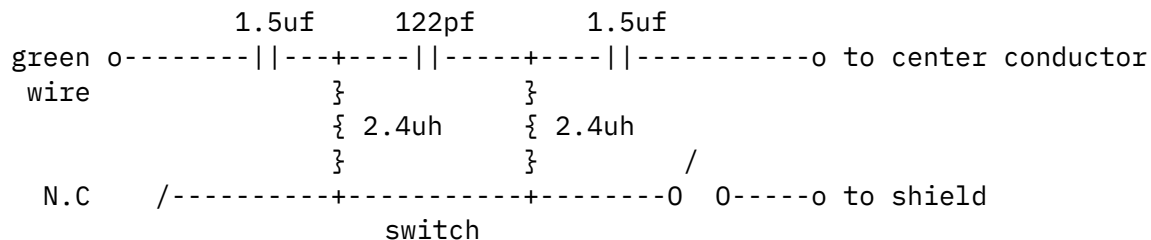
Email responses to Ed@fore.com

73
Ed Bathgate

Date: 28 Apr 94 15:13:19 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!convex!convex.com!
horak@network.ucsd.edu
Subject: My phone line antenna (questions)
To: info-hams@ucsd.edu

I built the following phone line antenna based on the common postings below. I messed up the center cap by putting two caps (680pf and 150pf) in series instead of parallel, so I got 122pf instead of 830pf. It's dried in epoxy now :-). Anyway, I am real pleased with the functionality of this filter. I added a switch to it that has the following characteristics: switch open allows good reception above 6.5 MHz; switch closed allows good reception below 6.5 MHz. 6.5 MHz seems to be the crossover point. What difference in frequency I might have realized if I would have used 830pf for the center cap? Also, would someone explain why the bandpass frequencies are affected the way they are when the switch is opened or closed. It's been a long time since I learned about how filters work and I'd like a free lesson!

My filter...



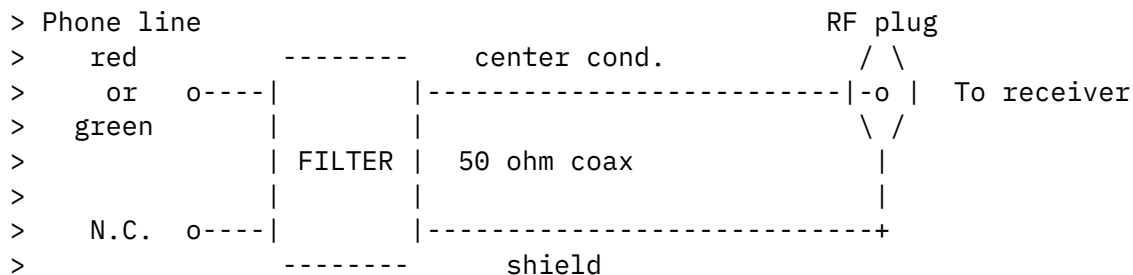
Thanks,

David

>From rec.radio.shortwave Fri Oct 1 09:52:47 1993
 >From: bill@thd.tv.tek.com (William K. McFadden)
 >Date: Fri, 1 Oct 1993 07:11:08 GMT
 >Newsgroups: rec.radio.shortwave
 >Subject: Phone line as SW antenna

>The original credit for the highpass and lowpass filters goes to Paul
 >Blumstein and John Shalamskas, respectively. I have included edited
 >versions of their articles below.

>The filter(s) should be connected to the phone line in this manner:



>Anywho, here is the filter, for interested parties.

```
>      -----||---+---||---+---||-----
>                  }              }
>                  {              {
>                  }              }
>      -----+-----+-----
```

>The outer capacitors are 1500 pf ceramic disks.

>The inner capacitor is 820 pf ceramic disk.

>The squiggly things are coils (two total). Each one is 2.7 uh.

>I built the filter that Paul Blumstein posted recently and measured it
>on a gain-phase analyzer. Here are its characteristics:

```
> 100 KHz -120dB
> 500 KHz  -68dB
>1000 KHz  -38dB
>1600 KHz  -15dB
>2100 KHz  -3dB
```

Date: 28 Apr 94 15:28:12 GMT
From: hp-cv!hp-pcd!hpcvsnz!tomb@hplabs.hp.com
Subject: SWR & Power Loss
To: info-hams@ucsd.edu

David C Gingrich (gingrich@indy.net) wrote:

: Another one of those SWR myths: The transmitter is NOT matched to the
: line. If it was then the SWR would be 1:1 and there would be no reflected
: power anyway. The mismatch is the entire system, not just the antenna to
: the far end of the transmission line.

I hope you are saying that last sentence is part of the myth. In a
single-generator system, the SWR on the line depends only on the
load at the far end of the line (modified slightly along the
length of the line by line losses and non-uniformities in the line,
but NOT dependent on the source impedance of the generator!). This
is quite easy to show with the models or by measurements in a lab.

Date: 28 Apr 94 17:29:59 GMT
From: agate!howland.reston.ans.net!vixen.cso.uiuc.edu!prairienet.org!
jmartin@ucbvax.berkeley.edu
Subject: Things to do with a Radio Club...

To: info-hams@ucsd.edu

Myself and another ham are starting up a club for young hams. I need some ideas on what to do when we get started. If you have any ideas, please mail them directly to me, for I don't get much of a chance to check the posting list. 73's.

Justin, N9UWH

--

Life Scout Justin (Fluffie) M. Martin N9UWH (Technician Class)
Chapter Cheif, Illini #55/Troop Guide, Troop #1, Prairieland Council #117
805 Stratford Drive Champaign, IL 61821-4140 USA
Phone: (217)356-3198 E-Mail: jmartin@firefly.prairienet.org

Date: Thu, 28 Apr 1994 17:26:06 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!torn!nott!cunews!
freenet.carleton.ca!FreeNet.Carleton.CA!al434@network.ucsd.edu
Subject: VU2HJA not via W3HNK
To: info-hams@ucsd.edu

Today I had my QSL cards returned from W3HNK with the message "Don't Know Him". This although both the QSL server and "QSL Routes" have W3HNK as the manager of VU2HJA.

Does anyone know the real route? 73. . . David.

--

David George.....Internet: al434@freenet.carleton.ca
VE3UOL.....QTH: Dunrobin, Ontario, Canada.

Date: 28 Apr 94 15:18:21 GMT
From: agate!ihnp4.ucsd.edu!usc!elroy.jpl.nasa.gov!ncar!csn!
jwdxt@ucbvax.berkeley.edu
To: info-hams@ucsd.edu

References <9404231720242692@kbsbbs.com>, <CovwMu.FKp@csn.org>,
<J64ujr-.brunelli_pc@delphi.com>
Subject : Re: dual band: is (one of) Yaesu, Icom, or Kenwood a good choice

brunelli_pc@delphi.com wrote:
: Jim Deeming <jwdxt@csn.org> writes:
:

: >I sure have enjoyed this thread. I just got my ticket and in about two
: >weeks I'm going down to HRO to buy either the FT-530 or the TH78 and I
: >still haven't decided. I hope those of you with experience on these
: >rigs will keep it up for a few more days...
: >Jim Deeming
:
: Jim,
: I have posted on this topic several times, and i think
: that having used both rigs, i can point out
: a few differences and similarities.
:
: The 530 does scan to find the PL tone in use by a repeater, but the repeater
: has to be active and pass the PL to the output, some do not
: The 530 is a bit easier to program, but has a compromise in terms
: of the VFO arrangement. You can only transmit 2 meter
: from the left and only 70 cm on the right. You can rx any band on
: either side, but each side had
: discrete memory channels. In contrast, the th78 can tx and rx either
: band from either VFO, and both VFOs use the same memory channels.
: this means that you don't have to hog up 2 mem slots if you want
: to monitor the same freq on both VFOs.
: The alpha-numeric display on the 78 does cut the total mem to 125 channels
: but id say that it is WELL worth it.
:
: I think that it is fair to say that the 530 is more "user-friendly"
: but the 78 wins hands down for the power-user and VFO flexibility freak
: contingent (of which i plead guilt by association).
:
: Have a blast with whatever you pick!
:
: pete brunelli
: n1qdq
Pete,

Thanks for the post. I was liking the TH78 pretty well, but the FT530's
battery indicator does have appeal. Also, what of this business about
Kenwoods having what one person called a "chronic" problem of slow CTCSS
detection? Missing out on the first word of a transmission sounds
annoying...

Jim Deeming
KB0MED

Date: (null)
From: (null)

Date: (null)

From: (null)

And from Barbados, DL7VOG will be active as 8P9GQ from Tuesday the 10th of May for twenty days. Activity will be on all bands 10 - 80 metres.

Now the Rallies for today Sunday the 1st of May:

The 11th Anglo-Scottish Rally is being held at Tait Hall, Kelso, Borders. Doors open at 11am. The event features trade stands and a bring and buy stall. Refreshments will be available and talk-in is on two metres, channel S22.

The British Amateur Television Club (BATC) Rally is being held at The Sports Connexion, Leamington Road, Ryton-on-Dunsmore, Coventry. Note that this is a new venue for this popular rally. The event features the usual trade stands, demonstrations, a lecture programme and a bring and buy stall. Refreshments will be available.

Next the two rallies we know of for tomorrow, Bank Holiday Monday, the 2nd of May:

The Dartmoor Radio Rally is to be held at the Yelverton Memorial Village Hall, Meavy Lane, Yelverton, Devon. Doors open at 10.30am. The event features trade stands, a bring and buy stall and other attractions. Refreshments will be available and talk-in is on channel S22. For further information contact Ron on 0822 852586.

The Mid-Cheshire Amateur Radio Society Rally will be held at the Civic Hall, Winsford, Cheshire. Doors open at 11am, or 10.30am for disabled visitors. The event features trade stands and a bring and buy stall. Refreshments will be available and talk-in is on two metres, channel S22 and seventy centimetres, channel SU22. For further details contact Dave, G4XUV on 0606 77787.

And now two events for next Sunday the 8th of May:

The Midland Amateur Radio Society, Drayton Mobile Radio Rally is to be held at Drayton Manor Park, Tamworth, Staffordshire, on the A4091 road. Doors open 10.30am. The event features trade stands, club stands, a flea market and a car boot area. Details from G6DRN on 021 443 1189.

The 10th Yeovil QRP Convention is to be held at the Preston Centre, Yeovil. Doors open at 9am. The event features traders orientated towards QRP, kits, components etc. There will be a club bring and buy stall, QRP station demonstrations, displays of home built rigs, vintage ham radios and communication equipment. Talks are planned covering propagation, construction and RSGB matters. Talk-in will be on 2 metres, channel S22

by GB2LOW. For further details contact G3CQR on 0935 813054.

Now some dates for your diary:

This year's RSGB Headquarters Open Day is scheduled for Saturday, the 4th of June. Details can be found in the May edition of Radio Communication. RSGB affiliated Clubs and Societies are invited to take part in this year's open day by providing a display or stall. Interested clubs are asked to contact Justine Hodges at RSGB HQ urgently on 0707 659015.

The next RSGB Regional Meeting takes place at Brighouse in West Yorkshire on Sunday the 5th of June. These meetings are for members and non-members of the Society to meet Council Members, Society Officers and staff to discuss the workings of the Society and amateur radio related matters. For further details, contact RSGB Zonal Council Member Peter Sheppard, G4EJP, on 0964 550397.

HF contest news now:

The Yeovil QRP Funrun Contest starts tomorrow, Monday the 2nd and runs daily from 8 to 10pm local time until Friday the 6th of May. See April RadCom page 73 for full details.

The ARI International DX Contest takes place during next weekend, starting at 2000 on Saturday the 7th and finishing at 2000 on Sunday the 8th of May, using all bands from 1.8MHz to 28MHz but excluding the WARC bands, on CW, SSB and RTTY. The contest is rather complex so participants are advised to consult the rules which can be found in the April edition of RadCom on page 20.

The Danish SSTV Contest is scheduled to start at 0000 on Saturday the 7th and finish at 2400 on Sunday the 8th of May on 3.5 to 144MHz, but excluding the WARC bands. See the May edition of RadCom for further details.

The fifth in this year's series of RSGB QRS (Slow Morse) Cumulative Contests will take place on Monday the 9th of May from 1900 to 2030 UTC between 3.540 - 3.580MHz. See April RadCom page 8, for further details and January's RadCom, page 83 for the rules. Novice licensees are particularly encouraged to participate as contacts with Novice calls are worth quadruple points.

Next some VHF contest news:

The RSGB 70 Centimetre Trophy Contest take place next Saturday the 7th of May, from 1400 to 2200 UTC. Starting at the same time is the 432MHz to 24GHz Contest which is a 24-hour event. See February RadCom, page 83

for further details of both events.

Special event stations active in May include:

GB0CT, Channel Tunnel, which will be aired by members of the British Rail Amateur Radio Society from New Romney Railway Station, near Folkestone, Kent. At the same time TM5TSM, will be operational from Wimereux Town Hall near Boulogne. Both stations will be operational from next Friday the 6th, until Sunday the 8th of May, on 80, 40, 20 and 2 metre and 70 centimetre bands. An Amateur Television Station will also be set-up on both ends of the channel tunnel. These events form part of the opening celebrations being held during May. For further details contact G3FIB on 0474 706615.

OZ5MAY, will be operated by OZ9CM from the Museum of Denmark Fight for Freedom on Thursday the 5th of May from 1000 to 1300 UTC on 14.006 or 14.020MHz. The station will operate from the attic in the museum that Gunner Christiansen, code name Mat, was using in WW2. Another station, OZ5MAJ/P will be operational from the attic of the Danish Student's Rowing Club from 1000 to 1800 UTC using these frequencies: 3.560 or 3570MHz, 7.010 or 7.030MHz or 14.006 or 14.020MHz. The two stations will be operational using suitcase transceivers and a watertight B2. For further information about the stations, contact Lars Schultz, OZ1CHL telephone Denmark 45 40 50 07 77.

And now the solar factual data

The period from the 18th to the 24th of April has seen the magnetic activity decline to near normal levels, and the ionosphere recover to about what we should expect at this time. There has been no flare activity and solar activity has remained very low. The spot index has meaned about 43, slowly rising over the period. Solar flux levels have also improved and averaged 85 units but they are still below what we would expect at this time. The 90-day flux mean on the 24th was 92 units. Geomagnetic activity has declined from 'sub-storm' levels on the 18th down to 'quiet' by the 20th and has remained there, with the 24th being down to an Ap index of only 7 units. The period averaged 11.5 units which is the lowest weekly period since last January.

The state has been 'nil nothing to report' throughout the period. The aa indices, as supplied by the British Geological Survey for the period 12th to 18th April, were very disturbed. The daily averages were 49.9 nanoteslas but the 17th, with the mass ejection and aurora reported last week, levels rose to 192 nanoteslas during the early morning period. That day's average was 97.1 nanoteslas. X-Ray flux levels have continued to improve and averaged A5.2 units. This is still below what we should expect at this time but it is a major improvement over the past weeks. The monthly geomagnetic Ap indices for March were 22 units, the 6-month

smoothed for September 1992 is 15.4 units.

I'll repeat the figures. Spots - 43; Flux - 85; Ap index - 11.5; X- ray flux - A5.2.

Now the ionospheric data for Central France:

The F2 daytime critical frequencies at Poitiers, as reported by Meudon, have shown a major improvement with levels averaging 7.5MHz, and the 21st being up to 8.5MHz. The daily highs are now centred about 19.00 hours. The darkness hour lows have also risen and averaged 3.3MHz, though the seasonal changes are partly responsible for some of it; the lows are now centred about 03.00 hours.

I'll repeat the figures. Highs - 7.5MHz; lows - 3.3MHz.

Now the ionospheric data for the north:

The F2 daytime critical frequencies at Ekaterinberg has seen a considerable improvement rising from an average of 5.5MHz last week up to 7.0MHz this week, with the 21st being up to 7.7MHz. The darkness hour lows averaged 3.0MHz, again a worth-while improvement.

I'll repeat the figures: Highs - 7.0MHz; lows - 3.0MHz.

And lastly the solar forecast:

This week the part of the sun where the mass ejection occurred will have rotated to be looking our way again. It is most unlikely that all of the disturbance will have died down, so from today we could expect problems from geomagnetic disturbance. Geomagnetic levels may be up to an Ap of about 50 units and auroral conditions could result today. Levels are expected to decline as the week proceeds. Ionospheric MUFs are expected to be only about 16.0MHz in the south, improving slightly as the week goes by. Northern stations are expected to be severely affected with very depressed levels most of the week.

And that is the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns issued were in the G0 Uniform Victor and G7 Sierra India series, and Novice calls in the 2 0 Alpha Hotel and 2 1 Charlie Victor series.

You're listening to GB2RS, the news broadcasting service of the Radio Society of Great Britain, transmitting in the 80, 40, 6 and 2 metre bands.

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